

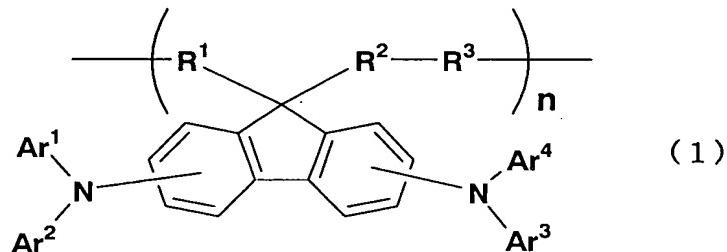
CLAIMS:

[1] A charge transporting compound composed of a polymer whose polymer main chain has a fluorene derivative, which is  
5 substituted with an amino group having an aromatic ring or a heterocyclic ring, connected thereto at the 9 position of the derivative.

[2] The charge transporting compound as defined in claim 1,  
10 wherein the number average molecular weight ranges 1,000 to  
1,000,000.

[3] The charge transporting compound as defined in claim 1  
or 2, wherein said polymer has a structure of the following  
15 formula (1)

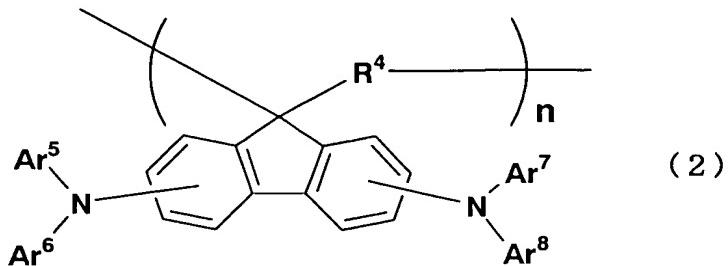
[Chemical Formula 1]



(wherein Ar<sup>1</sup>, Ar<sup>2</sup>, Ar<sup>3</sup> and Ar<sup>4</sup> may be the same or different and represent a substituted or unsubstituted aromatic ring or  
20 heterocyclic ring provided that Ar<sup>1</sup> and Ar<sup>2</sup>, and Ar<sup>3</sup> and Ar<sup>4</sup> may be, respectively, combined to form a ring, R<sup>1</sup> and R<sup>2</sup>, respectively, represent a divalent organic group that may have a substituent group, and R<sup>3</sup> represent a divalent organic group which has an oxygen atom or nitrogen atom at opposite  
25 ends thereof and which may have a substituent group).

[4] The charge transporting compound as defined in claim 1 or 2, wherein said polymer has a structure of the following formula (2)

[Chemical Formula 2]

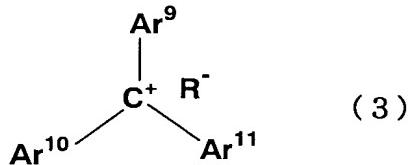


(wherein Ar<sup>5</sup>, Ar<sup>6</sup>, Ar<sup>7</sup> and Ar<sup>8</sup> may be the same or different and represent a substituted or unsubstituted aromatic ring or heterocyclic ring provided that Ar<sup>1</sup> and Ar<sup>2</sup>, and Ar<sup>3</sup> and Ar<sup>4</sup> may be, respectively, combined to form a ring, R<sup>4</sup> represents a divalent organic group that may have a substituent group).

[5] A charge transporting organic material comprising a  
10 charge transporting compound defined in any one of claims 1  
to 4 and an electron accepting compound.

[6] The charge transporting organic material as defined in  
claim 5, wherein said electron accepting compound comprises a  
15 compound represented by the following formula (3)

[Chemical Formula 3]



(wherein Ar<sup>9</sup>, Ar<sup>10</sup>, and Ar<sup>11</sup> may be the same or different and represent a substituted or unsubstituted aromatic ring, and R<sup>-</sup> represents an anionic species).

[7] A charge transporting varnish comprising the charge transporting compound defined in any one of claims 1 to 4.

25 [8] A charge transporting thin film made by use of the charge transporting varnish defined in claim 7.

[9] An organic electroluminescent element comprising the charge transporting thin film defined in claim 8.

[10] The organic electroluminescent element as defined in  
5 claim 8, wherein the charge transporting thin film is a hole  
transporting layer.

[11] The organic luminescent element as defined in claim 8,  
wherein the charge transporting thin film is a hole injection  
10 layer.

[12] The organic luminescent element as defined in claim 8,  
wherein the charge transporting thin film is an electron  
transporting layer.

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[13] The organic electroluminescent element as defined in  
claim 8, wherein the charge transporting thin film is an  
electron injection layer.